

| AMMONIA BY AUTOMATED PHENATE METHOD SM 19 th Ed 4500-NH ₃ G | | | | | |
|---|------------------|---|---|-----|----------|
| Facility Name: _____ VELAP ID _____ | | | | | |
| Assessor Name: _____ Analyst Name: _____ Inspection Date _____ | | | | | |
| Relevant Aspect of Standards | Method Reference | Y | N | N/A | Comments |
| Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____ | | | | | |
| Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____ | | | | | |
| Was the sum of duplicates and matrix spikes analyzed equal to the rate of 10% of samples? | 1020 B.2 | | | | |
| Were duplicates analyzed at a rate of 5% of samples? | 1020 B.6 | | | | |
| Was minimum of 5% of the sample load analyzed as reagent blanks? | 1020 B.4 | | | | |
| Were the pH's of wash water and standard solutions adjusted to approximate those of the samples? | 4.a | | | | |
| Was 5N H ₂ SO ₄ used for air scrubber solution? | 3.b | | | | |
| Was Sodium Phenate solution prepared with 93 mL liquid phenol (≥89%) and 32 g NaOH in 1 Liter water? | 3.c | | | | |
| Was Sodium Hypochlorite Solution (Bleach) prepared by diluting a 5.25% NaOCl solution in water at a rate of 250 mL in 500 mL? | 3.d | | | | |
| Was EDTA Reagent prepared by Dissolving 50 g of disodium ethylenediamine tetraacetate and approximately 6 pellets of NaOH in 1 Liter of water? | 3.e | | | | |
| Was Sodium Tartrate Solution prepared by dissolving 100 g NaKC ₄ H ₄ O ₆ •4H ₂ O and two pellets NaOH into 1 liter water? | 3.e | | | | |
| Was Sodium Tartrate Solution boiled for 45 minutes, covered, cooled, brought back to 1 Liter? | 3.e | | | | |
| Was Sodium Tartrate Solution allowed to settle overnight and filtered to remove precipitate? | 3.e | | | | |
| Was 0.5 mL of ethylene 23 lauryl ether solution added to Sodium Tartrate Solution which was then stored in a stoppered bottle? | 3.e | | | | |
| Notes/Comments: | | | | | |

